



EPAH Barcelona, 15 Oct 2024

València Pilot Projects

Inclusive energy sharing models to fight energy poverty & empower citizens



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EU HORIZON 2020 Project (2021-2025)

POWER UP

The catalyst
for social innovation
in the energy market

www.socialenergyplayers.eu



POWER UP aims to promote the emergence of local energy market players with a **socio-ecological** agenda via **engaging vulnerable households** to co-design **new business schemes around renewable production and energy efficiency**



Key results

4 living labs - 4 different business models

From collective energy consumption to social cooperative shares, the pilots act as “living labs” through new ways of sharing energy with households affected by energy poverty.

Sources of profit generation & Estimated individual impact

	Incentives sharing	Energy saving	Energy selling	Lower energy price	VH annual economic saving	VH annual net economic saving
UCSA	x				165 €	165 €
Valencia		x	x		170 €	170 €
Roznov		x			83 €	23 €
Eeklo				x	160 €	120 €

VH = vulnerable households



POWERUP
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Energy services alleviating energy poverty
Financial and commercial
business cases of 4 pilot
areas



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Guidelines on renewable
energy production business
case:
How to do, what to take into account



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Funding opportunities for energy
efficiency and energy community
projects



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library

València objective: Promotion of different models

- **Renewable Energy Communities**
- Public service of renewable **self-consumption**
- **Crowlending** PV plant on a Municipal rooftop





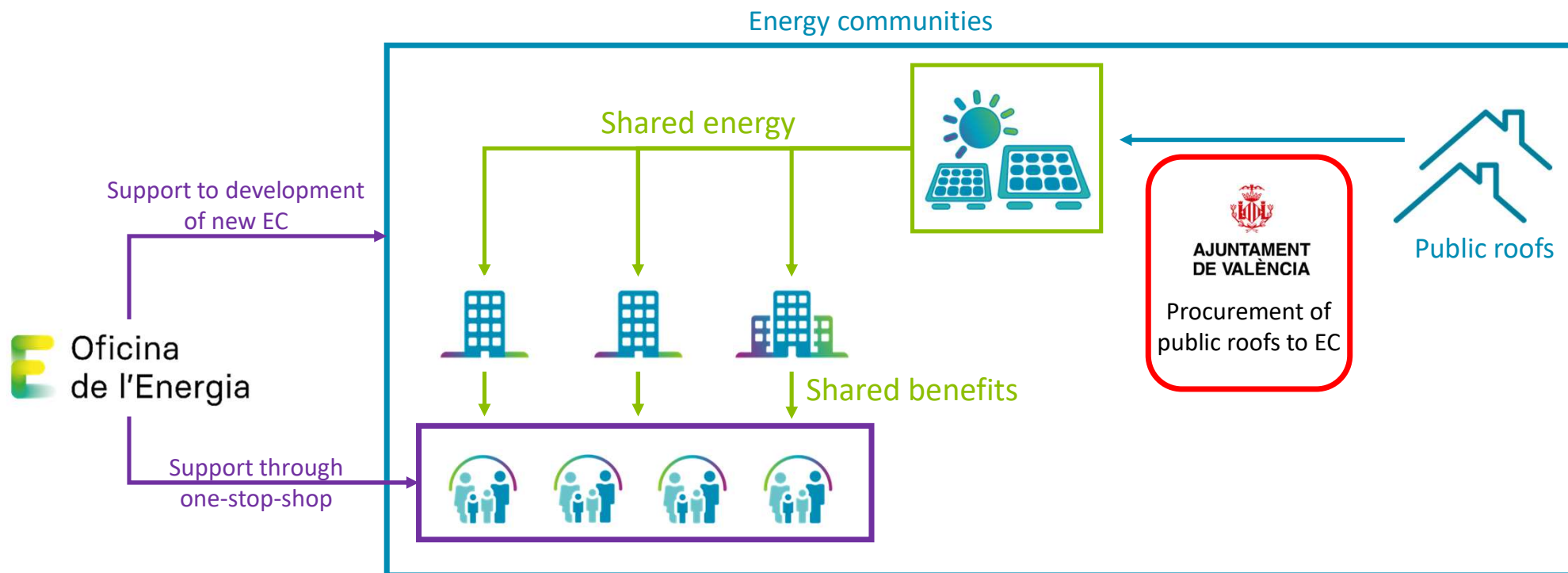
cel

comunitat
energètica local
Castellà - l'Olivar

Neighbourhood Energy Communities



Valencia Pilot – Energy Communities (EC)



CEL Castellar-L'Oliveral

[First successful case of Energy Community in València]



Municipality Role

- Technical, legal and administrative support from the municipal foundation VCE through its Energy Office, as well as information and recruitment campaign
- **Intermediation** between association, installation company, DSO, licensing authorities...
- **Facilitator** of public roof lent to the association during the project lifetime (at least 25 years)
- VCE as member, acquires and distributes for free 3 kWp among **vulnerable households** (signs on behalf of vulnerable participants and keeps control over their participation).
- Beneficiaries selected in coordination with **Social Services** (vulnerability criteria)

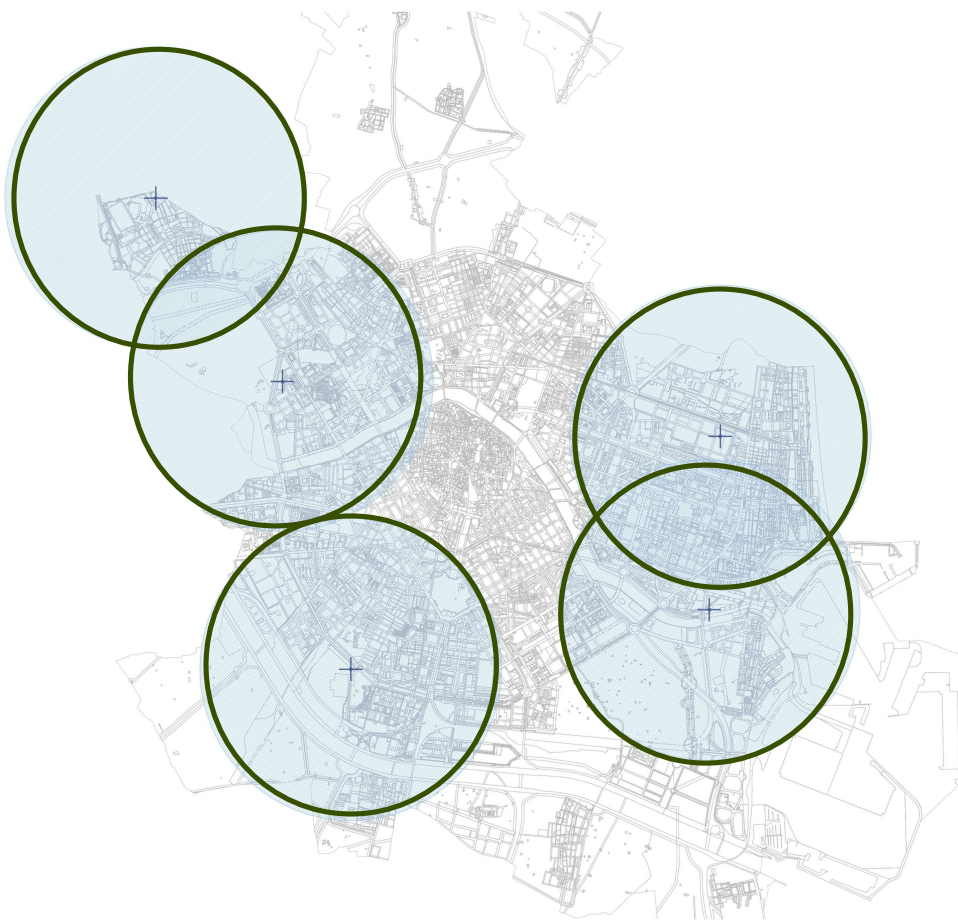


Réquiem in Power (RIP) project

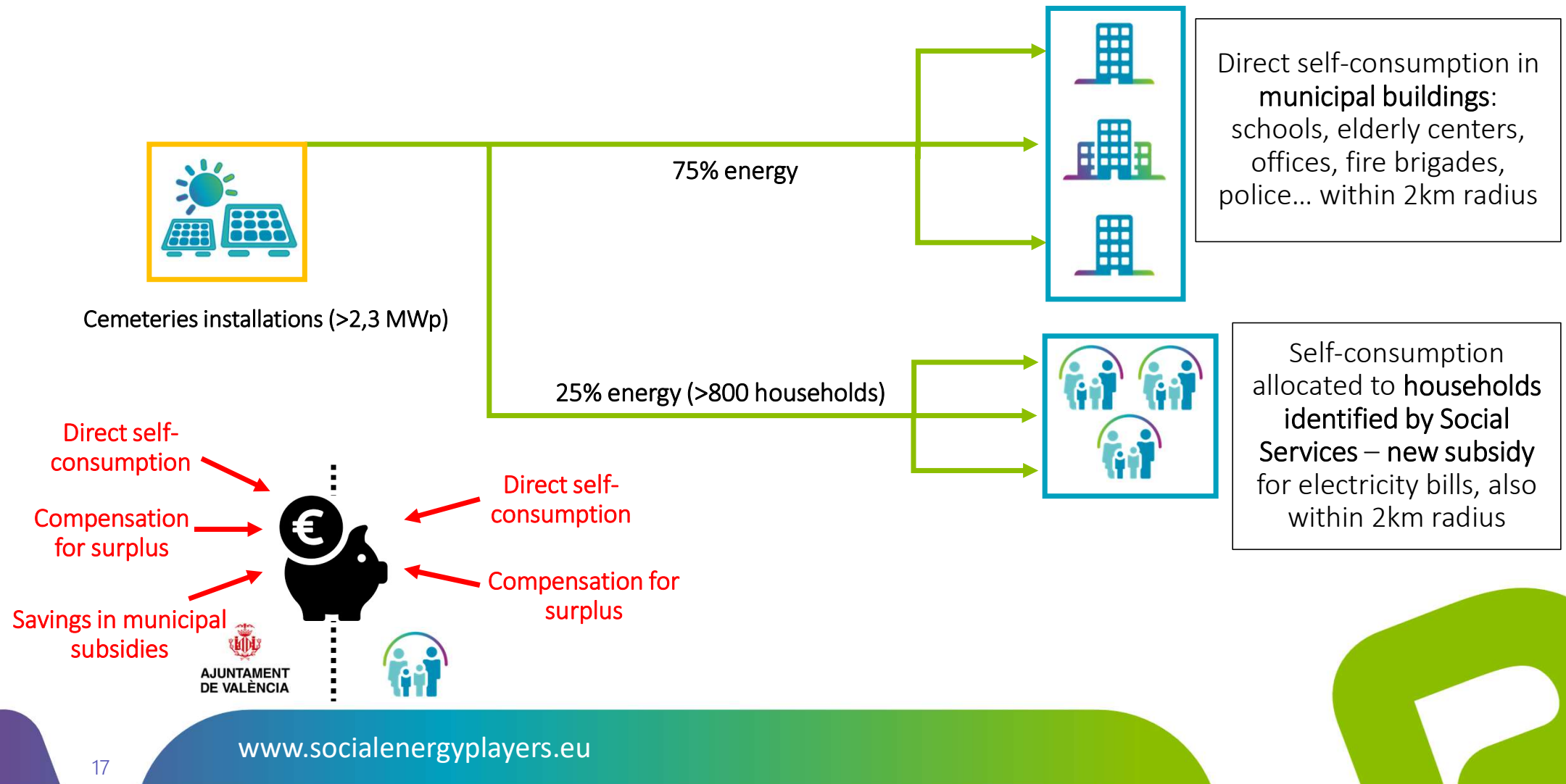
Public Service of Collective Self-consumption



Valencia Pilot – Public Service Model



Valencia Pilot – Public Service Model

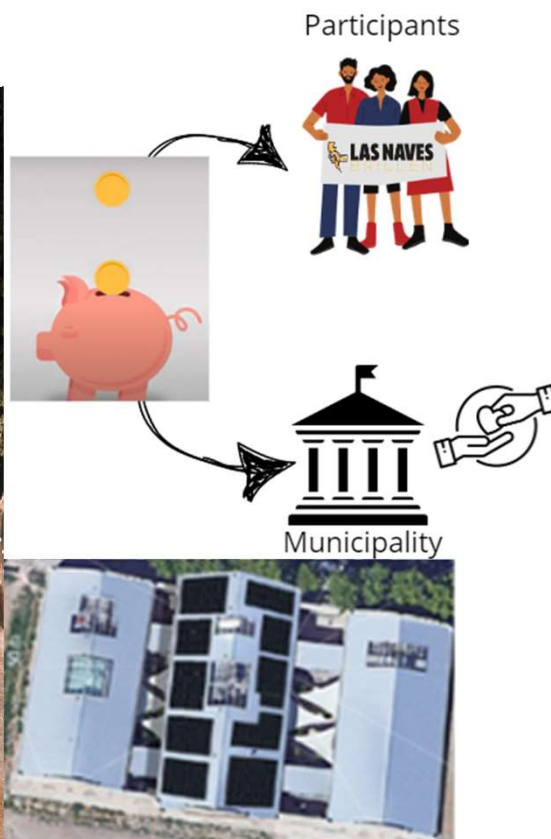




Las Naves Brillen

Green and innovative citizen investment





[Video \(ENGL\)](#)

- **Collective citizen financing model** (citizen crowdlending) for the installation of a municipal PV plant (in Las Naves)
- More than 60 citizens invested between 100 y 2.000€
- The revenue (savings) generated by the PV plant becomes an economic return for the investors & the municipal revenues will be reinvested in **energy poverty mitigation measures** (energy efficiency kits)



Opportunities



Citizens' empowerment

Fosters citizen's participation in the energy transition, helps create a network of Energy Communities in the city, having the Right to Energy as one of the core principles.



Pilot projects – Public service

Demonstrate the viability of innovative projects to show the way to the whole society, creating a more accessible model.



Energy transition acceleration

Social leadership and energy culture is the key to accelerate the pace, producing radical and lasting transformations.



Just and democratic transition

Cooperation and association models that promote a fairer, more efficient and **collaborative use of energy**.

Thank you!

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**AJUNTAMENT
DE VALÈNCIA**



València
Innovation
Capital



València
Clima i Energia

WORKSHOP

Help us to create a toolkit to engage with vulnerable households in long-lasting renewable projects by answering the following questions

Discussion prompts:

- 1. Build trust to successfully develop the project (Consider aspects like transparency, forming alliances with facilitators, and other trust-building strategies.)*
- 2. Best ways to reach vulnerable populations (Think about the channels to use, the messages to convey, and the key stakeholders to engage)*
- 3. Keep participants engaged throughout the project's duration (Discuss the benefits and commitments that can help maintain participant involvement, Benefits & Commitments)*
- 4. Involve diverse people (Explore solutions for accessibility, addressing special needs, language adaptation, and support for carers)*

